



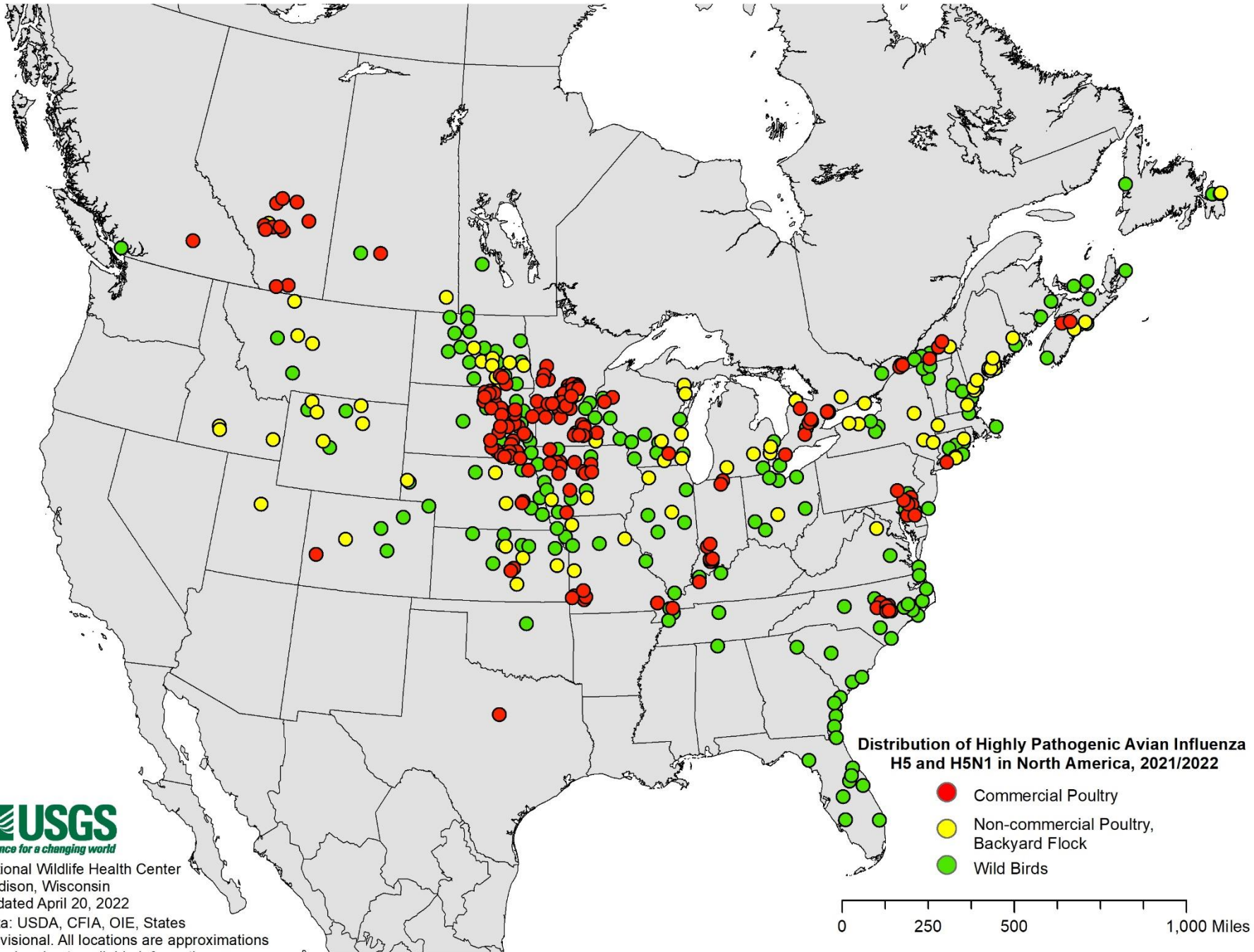
Community for Emerging and Zoonotic Diseases

Identifying emerging risks through collective intelligence

CFIA One Health HPAI Meeting

21 April 2022

www.cezd.ca



National Wildlife Health Center
Madison, Wisconsin
Updated April 20, 2022
Data: USDA, CFIA, OIE, States
Provisional. All locations are approximations
based on best available information.



HPAI 2022 Confirmed Detections

as of April 21, 2022

Last reported detection Wednesday, April 20, 2022

Data updated weekdays by 12pm Eastern

[Download Data](#)

221 Confirmed Flocks

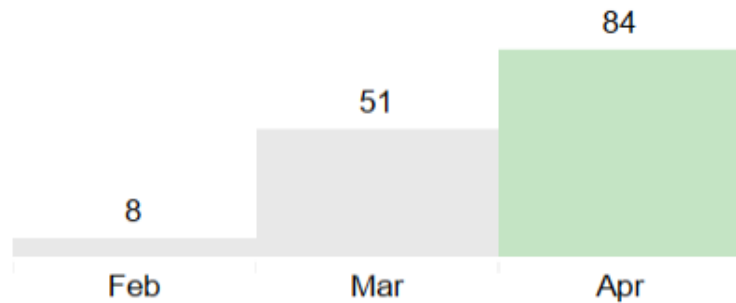
Birds tested and confirmed having HPAI

29 Affected States

States with at least one confirmed infected flock

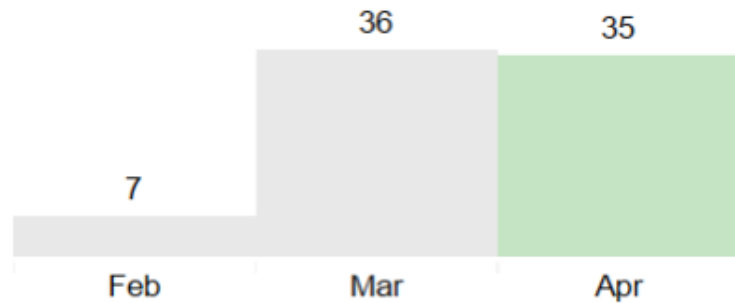
Commercial Flocks

143



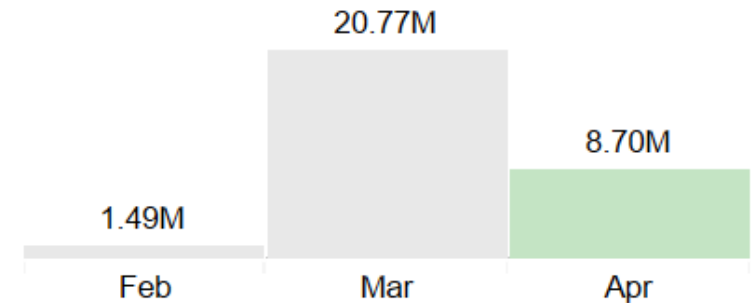
Backyard Flocks

78



Birds Affected*

30.95M



*Number of birds on confirmed infected premises.

Bars reflect most recent 4 months (numbers may not add up to total).

USDA list outbreaks reported in

domestic birds

Minnesota	12 new cases 1 backyard 11 Commercial	50 total flocks 46 commercial, 4 backyard >2.2 million birds
North Dakota	4 new cases all backyard flocks	11 total flocks 3 Commercial 8 Backyard >139,000 birds
Michigan	4 new cases all backyard flocks	7 total flocks All backyard birds 610 birds
Wisconsin	3 new cases 1 commercial 2 backyard	7 total flocks 4 backyard 3 commercial > 2,8 million birds
Idaho	4 new cases 4 backyard	4 total flocks 4 backyard 107 birds
Pennsylvania	3 new cases Commercial	3 total flock 3 commercial flock >3.4 million birds

Colorado	1 new case (commercial)	2 affected flocks 1 Commercial, 1 Backyard >60,000 birds
South Dakota	1 new case Upland game	36 total flocks 35 commercial, 1 backyard >1.6 million birds
Indiana	1 new case (Commercial)	8 total flocks All commercial birds
Nebraska	1 new flock Commercial	6 total flocks 3 commercial 3 backyard >2.7 million birds
Kansas	1 new case Commercial	5 total flocks 1 commercial, 4 backyard 7,436 birds
Montana	1 new case Backyard flock	3 total flocks All backyard >22,000 birds
North Carolina	1 new case Commercial	9 total flocks All commercial >480,000 birds
Utah	1 new case Backyard	1 total flock 1 backyard 7 birds

US Domestic Detections

[USDA list](#) of Affected Commercial and Backyard Flocks – states with no new detections

Maine	No new cases	12 flocks total 12 backyard 893 birds
New Hampshire	No new cases	1 total flock 1 backyard 150 birds
New York	No new cases	8 total flocks 1 commercial 7 backyard 7128 birds affected
Wyoming	No new cases	5 total flocks All backyard birds 280 birds

Missouri	No new cases	9 total flocks 6 commercial 3 backyard >430,000 birds
Iowa	No new cases	16 total flocks 14 commercial 2 backyard >13.3 million birds

US Domestic Detections

[USDA list](#) of Affected Commercial and Backyard Flocks
 new states with no new outbreaks reported

Delaware	No new cases	3 total flocks 3 commercial >1.4 million birds
Massachusetts	No new cases	1 total flock 1 backyard flock 240 birds
Ohio	No new cases	1 total flock 1 backyard flock 20 birds
Illinois	No new cases	2 total flocks 2 backyard flocks 40 birds
Connecticut	No new cases	1 total flock 1 backyard 160 birds

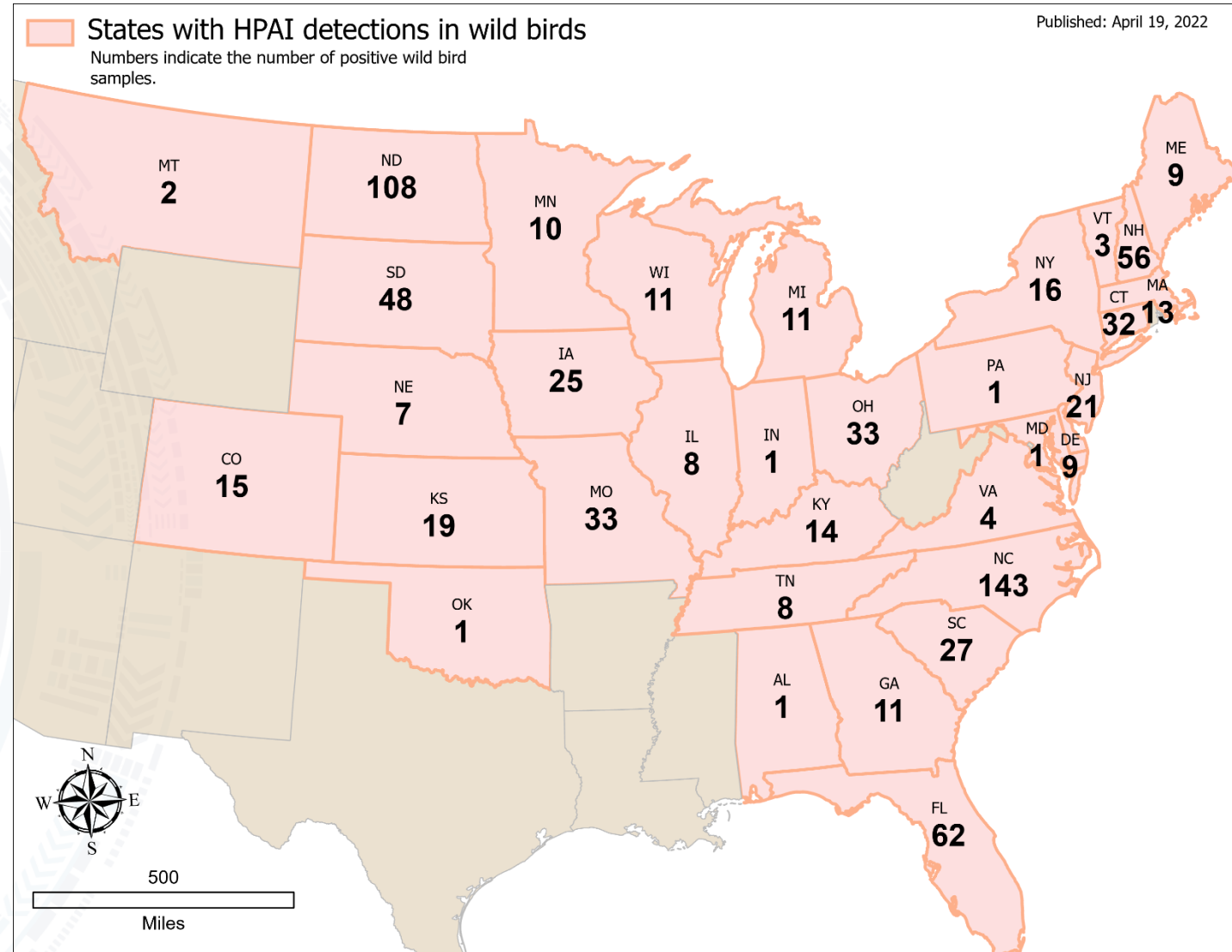
Kentucky	No new cases	2 total flocks 2 commercial >284,000 birds
Virginia	No new cases	1 total flock 1 backyard flock 90 birds
Maryland	No new cases	4 total flocks 4 commercial >1.6 million birds
Texas	No new cases	1 total flock 1 commercial flock 1,600 birds

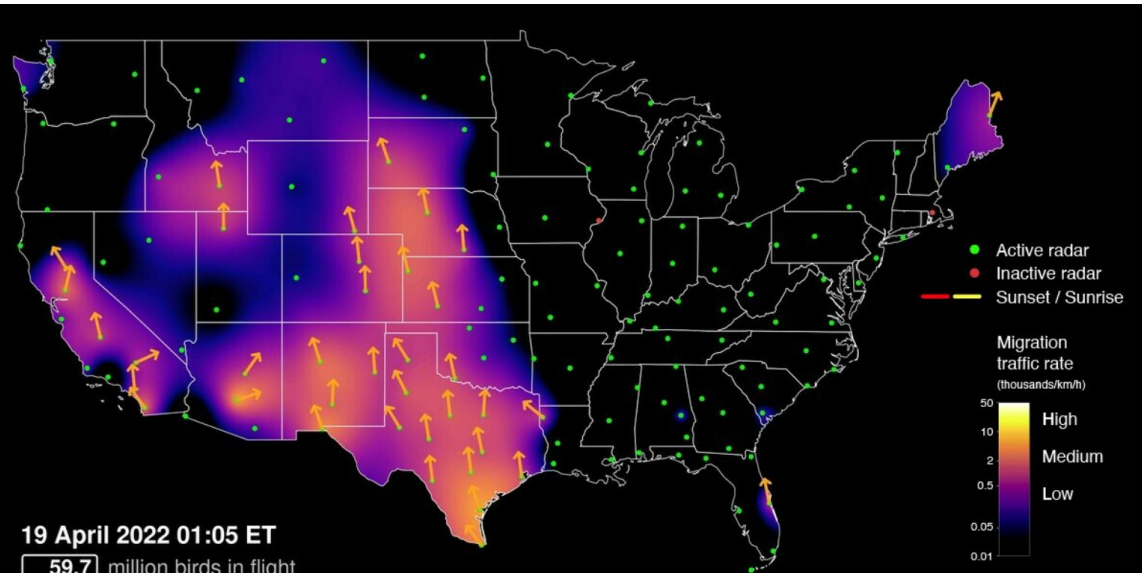
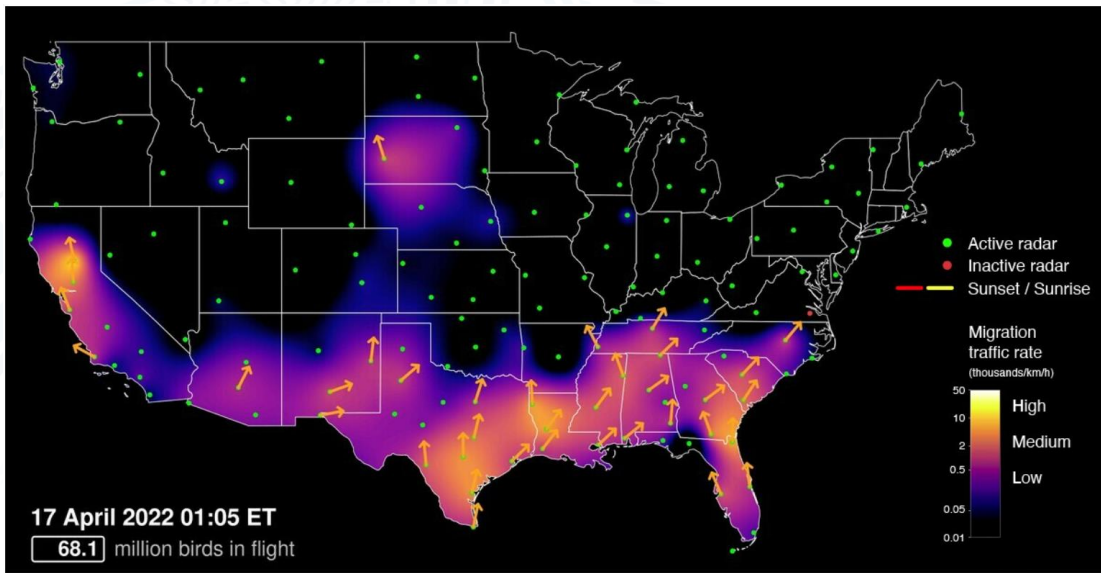
US Wild Bird H5N1 Avian Influenza

- [US Wild Bird Information](#)
- New state reporting - Montana
- Significant number of new cases reported in North Dakota

[Live bird migration map](#)

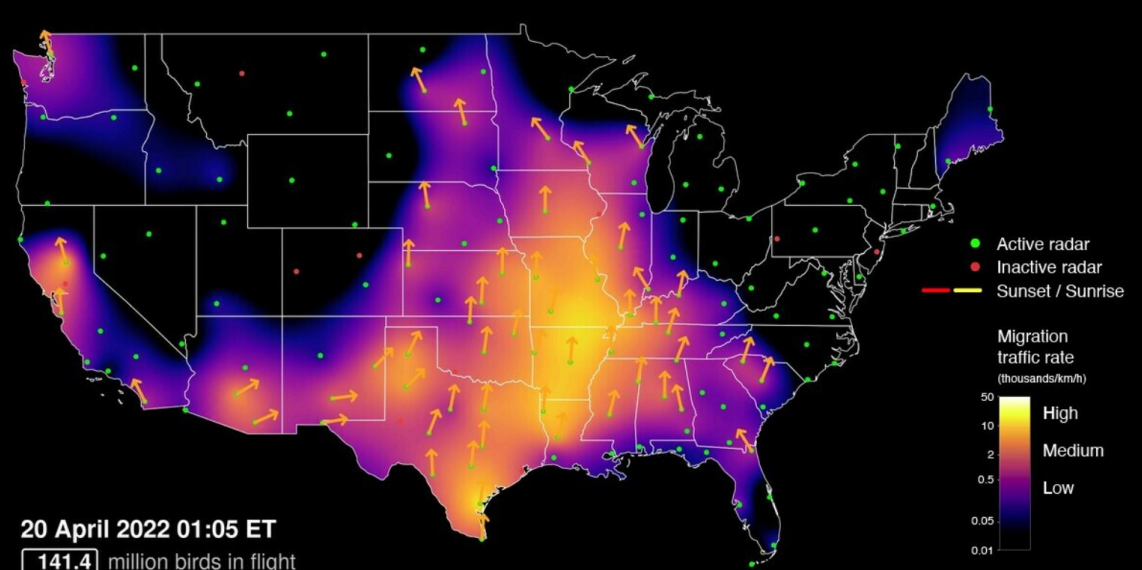
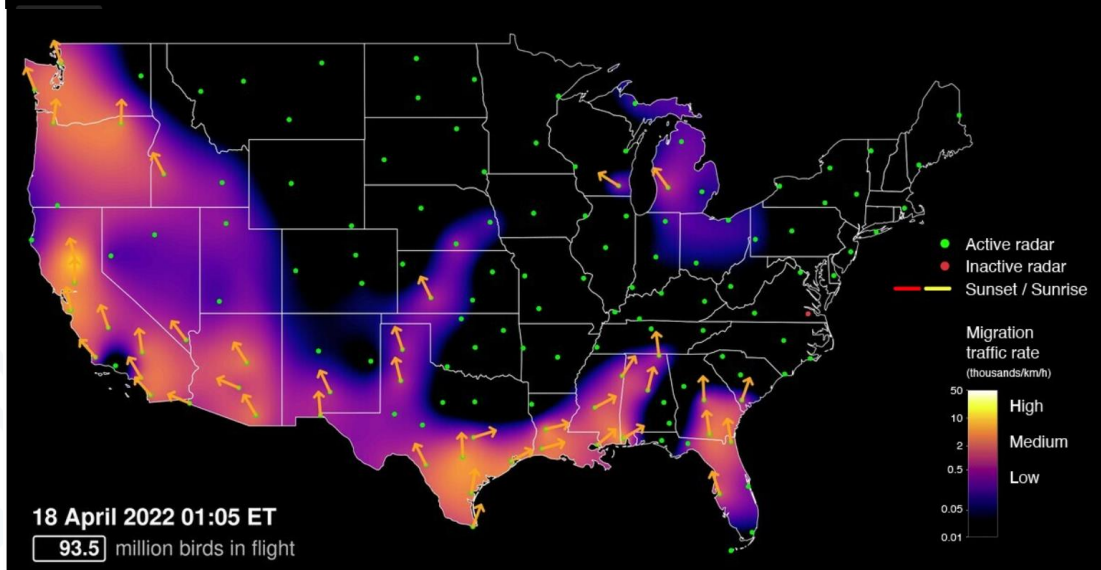
Ongoing high numbers April 15-20





Live bird migration maps Dokter 2022 **BirdCast**

Live bird migration maps Dokter 2022 **BirdCast**



Live bird migration maps Dokter 2022 **BirdCast**

Live bird migration maps Dokter 2022 **BirdCast**

Canadian Domestic Detections

Canadian Detections in Domestic Birds [CFIA Website](#)

Saskatchewan	04/16/2022 04/14/2022	Poultry Flock Small Flock
British Columbia	04/13/2022	Poultry Flock
Quebec	04/17/2022 04/14/2022 04/13/2022 04/12/2022	Poultry Flock Poultry Flock Small Flock Poultry flock
Alberta	04/15/2022 04/14/2022 04/14/2022 04/14/2022 04/12/2022 04/11/2022 04/10/2022 04/09/2022 04/08/2022 04/06/2022 04/06/2022 04/06/2022	Poultry Flock Small Flock Poultry Flock Poultry Flock Poultry flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock

Ontario	04/14/2022 04/14/2022 04/12/2022 04/12/2022 04/10/2022 04/06/2022 04/06/2022 04/05/2022 04/05/2022 04/04/2022 04/02/2022 03/31/2022 03/30/2022 03/28/2022 03/27/2022	Poultry Flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock Poultry Flock Backyard Flock Poultry Flock Poultry Flock Backyard Flock Backyard Flock Turkeys Commercial Turkeys Breeder Turkeys
Nova Scotia	03/15/2022 02/11/2022 02/03/2022 02/01/2022	Backyard Flock Backyard Flock Commercial Flock Backyard Flock
Newfoundland and Labrador	01/09/2022 12/20/2022	Backyard Flock Mixed exhibition flock

Zone Maps



Wild Bird H5N1 Avian Influenza

- [Canadian Wild Bird Information](#)
New Provinces with confirmed cases
 - **Manitoba**
 - Saskatchewan
 - Quebec
 - Ontario
 - British Columbia
 - PEI
 - Nova Scotia
 - Newfoundland and Labrador
 - New Brunswick

